

Gathering Application Telemetry



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Module Overview



What is distributed tracing?

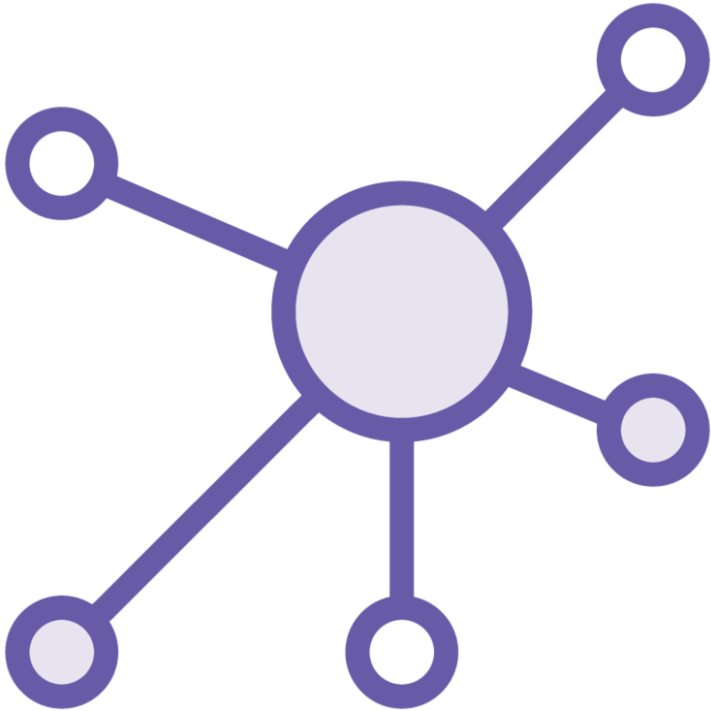
Using Application Insights

Viewing user behavior

Other analytics solutions



What is Distributed Tracing?



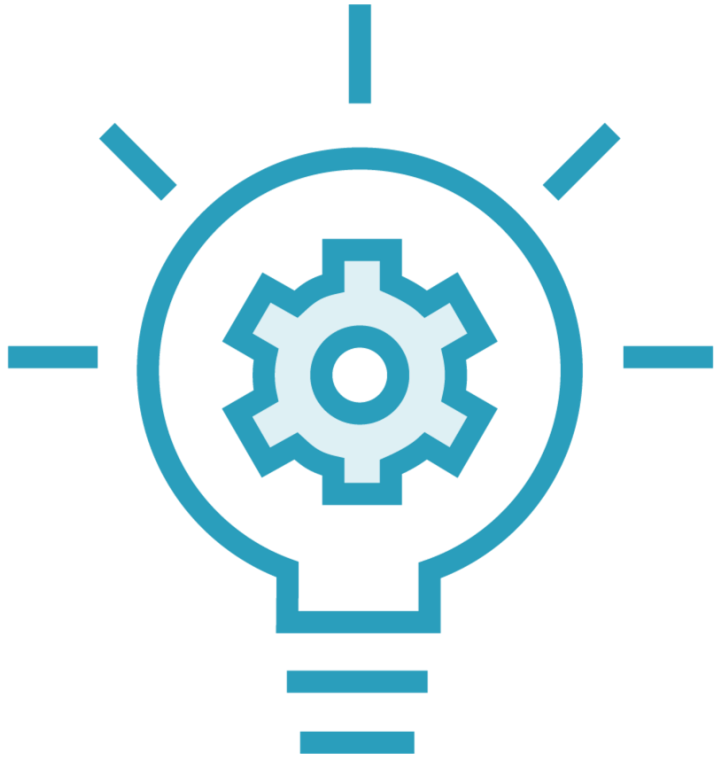
Initially applications were large and monolithic with a single call stack to trace what was happening

Modern applications use many microservices hosted in different types of independent resource

Distributed tracing provides a map of the connections and centralized view of the calls made including performance information



Distributed Tracing with Application Insights



Applications can be instrumented for Application Insights

Application Insights can be deployed in a classic mode or on log analytics (preferred)

Depending on the runtime the instrumentation can be

- Codeless at run time
- Code-based at development time

Lights up App Insights capabilities including Application map



Viewing Usage Behavior with Application Insights



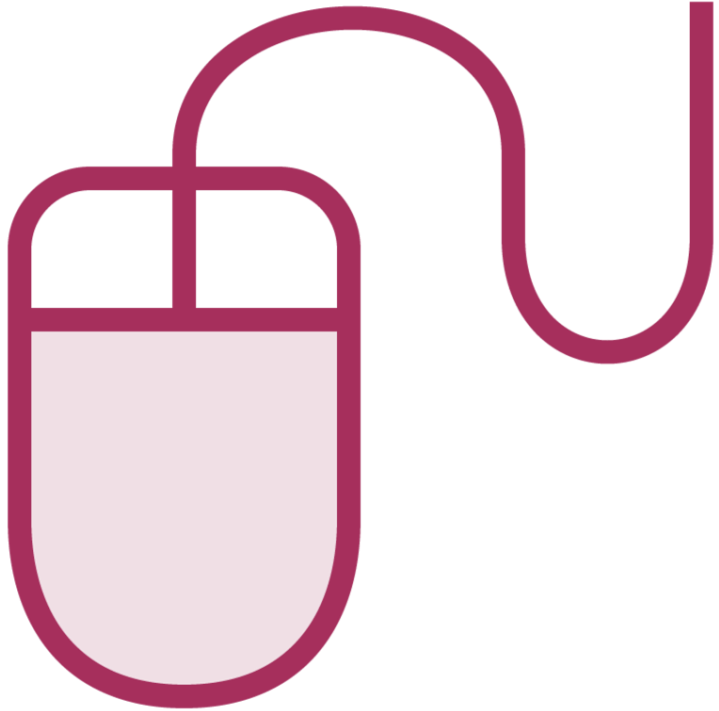
Detailed usage behavior is tracked using the gathered telemetry

This is available via the various usage blades and domain

Enables a complete walkthrough of the user experience to be tracked



Other User Analytics Solutions



There are many other solutions with specific focus areas

The logs and metrics from Azure can be sent to other monitoring systems

Different client application analytics solutions

- Visual Studio App Center
- Apple TestFlight
- Google Analytics

Summary



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Other analytics solutions



Thank you
and
good luck!

